



2001 Toxics Release Inventory

MARYLAND

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	42,778,874
Air Emissions	36,076,213
Surface Water Discharges	3,839,690
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	56,057
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	2,806,914
Off-site Releases (Transfers Off-site to Disposal)*	2,645,338
Total On- and Off-site Releases	45,424,212
Recycled On-site	10,284,862
Recycled Off-site	9,430,974
Energy Recovery On-site	7,849,613
Energy Recovery Off-site	2,133,854
Treated On-site	50,183,694
Treated Off-site**	9,327,009
Quantity Released On- and Off-site***	45,523,468
Total Production-related Waste Managed	134,733,474
Non-production-related Waste Managed	791,777
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	8,888,050
Energy Recovery	2,149,059
Treatment	5,957,575
Publicly Owned Treatment Works (POTWs)	3,439,510
Metals and Metal Category Compounds*	52,178
Non-metal TRI Chemicals**	3,387,331
Other Off-site Transfers****	800
Transfers Off-site to Disposal (not including metals to POTWs)	2,602,540
Total Transfers Off-site for Further Waste Management, including Disposal	23,037,533

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact

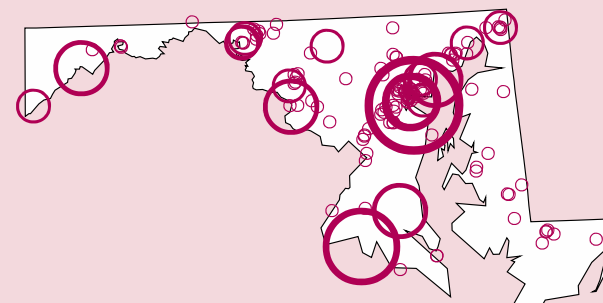
Patricia S. Williams
1800 Washington Boulevard, Ste 540
Baltimore, MD 21230-1718
(410) 537-3800
Fax: (410) 537-3873
pwilliams@mde.state.md.us

EPA Regional Contact

William Reilly
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814-2072
reilly.william@epa.gov

To obtain TRI data use

assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Maryland. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	5,386,079
Square Miles	9,775
Total Facilities	211
Total Forms	814
Form As	140

	Total
National Rank for Total On- and Off-site Releases*	
Rank	29
Pounds	45,424,212
National Rank for Total On-site Releases**	
Rank	27
Pounds	42,778,874
National Rank for Total Releases within State***	
Rank	29
Pounds	45,725,034
National Rank for Production-related Waste Managed	
Rank	34
Pounds	134,733,474

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2001 Toxics Release Inventory

MARYLAND

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	26,009,697	0	0	0	5	26,009,702	89	5	0
—	Nitrate compounds	0	3,677,211	0	87,190	20,009	3,784,410	5	20,009	0
7664-93-9	Sulfuric acid	3,119,124	0	0	0	0	3,119,124	0	0	0
—	Manganese compounds	41,013	83,860	42,777	2,135,900	176,154	2,479,704	40,769	165,129	11,025
463-58-1	Carbonyl sulfide	1,509,575	0	0	0	0	1,509,575	0	0	0

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	4,855.91	1,126.45	111.00	94,136.40	81,810.31	182,040.07	43,501.63	64,616.75	17,193.56
—	Polycyclic aromatic compounds	20,629.74	0.00	0.00	384.00	7,301.30	28,315.04	11,602.90	69.10	7,232.20
7439-92-1	Lead	1,330.54	1.46	0.00	23,751.40	1,033.41	26,116.81	7,349.41	441.00	592.41
—	Mercury compounds	2,127.84	2.72	134.03	438.02	607.70	3,310.31	2,639.00	483.30	124.40
191-24-2	Benzo(g,h,i)perylene	893.58	0.00	0.00	19.00	323.27	1,235.85	210.33	319.00	4.27
7439-97-6	Mercury	93.80	0.00	0.00	5.00	100.00	198.80	175.41	0.00	100.00
118-74-1	Hexachlorobenzene	0.00	0.10	0.00	27.50	0.00	27.60	0.20	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	10.00	10.00	0.00	10.00	0.00
—	Dioxin and dioxin-like compounds	0.03	0.00	0.00	0.29	0.00	0.32	0.01	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>15.679</i>	<i>0.848</i>	<i>0.000</i>	<i>129.910</i>	<i>0.280</i>	<i>146.717</i>	<i>3.910</i>	<i>0.280</i>	<i>0.000</i>
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



2001 Toxics Release Inventory

MARYLAND

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air	Surface	Class I	Class II-V	RCRA	Other		Transferred	Transferred
	Emissions	Water	Wells	Wells	Subtitle C	On-site Land		Within	Out of
	Pounds	Discharges	Pounds	Pounds	Landfills	Releases	State	State	
		Pounds			Pounds	Pounds	Pounds	Pounds	
Brandon Shores & Wagner Complex, Baltimore, Baltimore City	13,964,062	5,152	0	0	0	0	13,969,214	43	10,040
Morgantown Generating Station, Newburg, Charles	6,805,709	54	0	0	0	189,593	6,995,356	783,888	5,060
Mirant Chalk Point L.L.C., Aquasco, Prince Georges	3,741,386	4,932	0	0	0	11,204	3,757,522	551,729	2,237
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	1,099,258	66,853	0	0	0	1,822,039	2,988,150	0	0
C. P. Crane Generating Station, Baltimore, Baltimore City	2,289,847	2	0	0	0	0	2,289,848	158	0
Erachem Comilog Inc. Baltimore Plant, Baltimore, Baltimore City	20,223	2,075,811	0	0	0	22,481	2,118,515	102	0
Dickerson Generating Station, Dickerson, Montgomery	2,072,371	2,295	0	0	0	9,438	2,084,103	458,214	106
Grace Davison, Baltimore, Baltimore City	186,134	1,484,780	0	0	0	6,468	1,677,382	27,385	12,998
Westvaco Corp. Fine Papers Div., Luke, Allegany	1,626,124	1	0	0	0	13,161	1,639,286	149,365	1
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	158,746	41,031	0	0	0	458,010	657,787	0	131,646

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	854.01	864.00	0.00	0.00	0.00	75,285.96	77,003.96	0.00	508.82
U.S. Fish & Wildlife Patuxent Research Refuge, Laurel, Prince Georges	0.00	0.00	0.00	0.00	0.00	20,024.00	20,024.00	0.00	0.00
Tyson Foods Inc. Berlin Processing, Berlin, Worcester	9,376.00	0.00	0.00	0.00	0.00	0.00	9,376.00	0.00	0.00
Essroc Cement Corp., Frederick, Frederick	328.20	0.00	0.00	0.00	0.00	8,662.30	8,990.50	0.00	0.00
Allen Family Foods, Hurlock, Dorchester	6,729.03	0.00	0.00	0.00	0.00	0.00	6,729.03	0.00	0.00
Eastalco Aluminum Co., Frederick, Frederick	5,075.00	2.00	0.00	0.00	0.00	153.00	5,230.00	0.00	100.00
Morgantown Generating Station, Newburg, Charles	1,347.70	2.00	0.00	0.00	0.00	3,189.90	4,539.60	27,109.70	5,056.70
Mettiki Coal L.L.C., Oakland, Garrett	10.53	9.07	0.00	245.03	0.00	3,774.12	4,038.75	0.00	0.00
Allegheny Energy Inc. R. Paul Smith Power Station, Williamsport, Washington	86.00	0.00	0.00	0.00	0.00	2,820.00	2,906.00	0.00	0.00
Brandon Shores & Wagner Complex, Baltimore, Baltimore City	1,848.11	99.00	0.00	0.00	0.00	0.00	1,947.11	0.00	542.20

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



2001 Toxics Release Inventory

MARYLAND

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Brandon Shores & Wagner Complex, Baltimore, Baltimore City	0	0	0	0	0	0	13,980,750	13,980,750	0
Morgantown Generating Station, Newburg, Charles	0	0	0	0	0	0	7,784,303	7,784,303	0
Mirant Chalk Point L.L.C., Aquasco, Prince Georges	0	0	0	0	0	0	4,311,487	4,311,487	0
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	0	0	0	0	5,840,602	402	2,985,060	8,826,064	19,440
Dickerson Generating Station, Dickerson, Montgomery	0	0	0	0	2,814,017	0	2,542,427	5,356,444	0
C. P. Crane Generating Station, Baltimore, Baltimore City	0	0	0	0	0	0	2,290,005	2,290,005	0
Erachem Comilog Inc. Baltimore Plant, Baltimore, Baltimore City	776,694	1,500,000	0	0	0	0	2,118,618	4,395,312	0
Westvaco Corp. Fine Papers Div., Luke, Allegany	0	32	4,952,100	0	2,870,000	2,857,728	1,788,652	12,468,512	0
Grace Davison, Baltimore, Baltimore City	4,511,800	16,250	0	0	7,426,560	8,442	1,718,318	13,681,370	0
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	0	0	0	0	0	0	789,612	789,612	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	0.00	0.00	0.00	0.00	0.00	0.00	77,512.00	77,512.00	0.00
Morgantown Generating Station, Newburg, Charles	0.00	0.00	0.00	0.00	0.00	0.00	36,706.00	36,706.00	0.00
Mirant Chalk Point L.L.C., Aquasco, Prince Georges	0.00	0.00	0.00	0.00	0.00	0.00	20,983.00	20,983.00	0.00
Dickerson Generating Station, Dickerson, Montgomery	0.00	0.00	0.00	0.00	0.00	0.00	16,783.00	16,783.00	0.00
Signode Eastern Ops., Baltimore, Baltimore	0.00	103,898.00	0.00	0.00	0.00	0.00	10,625.00	114,523.00	0.00
Tyson Foods Inc. Berlin Processing, Berlin, Worcester	0.00	0.00	0.00	0.00	0.00	0.00	9,376.00	9,376.00	0.00
Essroc Cement Corp., Frederick, Frederick	0.00	0.00	0.00	0.00	0.00	0.00	8,989.00	8,989.00	0.00
Allen Family Foods, Hurlock, Dorchester	0.00	0.00	0.00	0.00	0.00	0.00	6,729.00	6,729.00	0.00
Eastalco Aluminum Co., Frederick, Frederick	332,491.00	0.00	0.00	0.00	12,463.00	153.00	5,177.00	350,284.00	0.00
Sherwin-Williams Co., Baltimore, Baltimore City	5,487.00	0.00	0.00	0.00	0.00	0.00	4,750.00	10,237.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.